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**FOR IMMEDIATE RELEASE**

**AMCC Demonstrates PCI-X SATA 3Gb/s RAID Technology**

**SUNNYVALE, CALIF., March 8, 2005** -- Applied Micro Circuits Corporation (AMCC) [NASDAQ: AMCC], today announced working hardware RAID demonstrations featuring the benefits of ultra-fast 3Gbit/s line speeds. The new technology will also have the capability of supporting advanced connectivity with Port Multiplication (PM), increased random performance with Native Command Queuing (NCQ) support, and advanced integration and failover with Port Selection (PS) support.

“AMCC is committed to combining the latest features, highest performance and value for our customers, expanding SATA RAID installations in new and emerging applications,” said Scott Cleland, director of product marketing at AMCC Storage Business Unit. “We are very excited to demonstrate the next generation SATA RAID to our customers and partners because it combines for the first time, SATA’s economies of scale and enterprise-class feature-sets currently common in Fibre Channel and SCSI platforms.”

**3Gb/s**

3Gb/s will double the available bandwidth from 1.5Gb/s to 3Gb/s, providing significantly higher performance that could previously be achieved with SATA RAID.

**Port Multiplication and Port Selection**

PM will provide a platform for applications that require a high level of random performance such as database and email applications. Topologies will allow for multiple drives to be connected to a single SATA link providing up to 16 additional drives per SATA port. Practical applications will support 2-to-4 additional drives per link to maximize the 3G/s line speeds. PS will combine multiple connections into a single SATA drive by integrating special chips on a backplane or drive carrier providing failover capabilities in highly redundant subsystems

**Native Command Queuing**

Storage systems that implement NCQ disk drives along with controllers that support NCQ will result in higher overall system performance when running transactional applications with multiple command workloads. NCQ results in reduced overhead to retrieve data, which means less mechanical wear and tear. This will Improve drive endurance over previous generation Serial ATA disk drives.

**AMCC Overview**

AMCC provides the essential building blocks for the processing, moving and storing of information worldwide. The company blends systems and software expertise with high-performance, high-bandwidth silicon integration to deliver silicon, hardware and software solutions for global wide area networks (WAN), embedded applications such as PowerPC and programmable SOC architectures, storage area networks (SAN), and high-growth storage markets such as Serial ATA (SATA) RAID. AMCC's corporate headquarters are located in San Diego, California. Sales and engineering offices are located throughout the world. For further information regarding AMCC, please visit our web site at <http://www.amcc.com>.

**Forward Looking Statements**

The statements contained in this press release that are not purely historical are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such forward-looking statements, including statements relating to the products discussed in this press release are subject to a number of risks and uncertainties, including the risk that the products would not be successfully or timely developed, completed or manufactured or achieve market acceptance, risks relating to general economic conditions, as well as the risks and uncertainties set forth in the Company's Annual Report on Form 10-K for the year ended March 31, 2004, and in other filings of the Company with the Securities and Exchange Commission. As a result of these risks and uncertainties, actual results may differ materially from these forward-looking statements. The forward-looking statements contained in this news release are made as of the date hereof and AMCC does not assume any obligation to update any forward-looking statement.

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